

METHOD AND APPARATUS TO COMPLETE A WELL HAVING TUBING INSERTED THROUGH A VALVE

Abstract

A method and apparatus for inserting a small diameter continuous hydraulic conduit or capillary tube down a well bore is presented. The methods and apparatus allow either the injection of chemicals to enhance production of oil and gas, or to provide a conduit for production up through the small diameter tubing in marginal wells, into a hanger below a well valve to permit its removal from below the valve if the valve should be required to be closed and its reinsertion without pulling the tubing from the well bore.